

ABSTRACT OF THE DISCLOSURE

An image forming apparatus having: a print head provided with plural recording elements arranged in an array, each of the recording elements being operated based on respective correction coefficient of light amount; and an image reading apparatus for reading an image; wherein, an image for correction is recorded onto the photosensitive material by the print head, read information $D(i)$ of the image for correction is acquired (where, "i" is a number indicating an order of each recording element) by the image reading apparatus, a correction amount $C(i)$ for a recording characteristic of each recording element is acquired based on the read information $D(i)$, and an image is recorded by using the correction amount $C(i)$; wherein, the correction amount $C(i)$ is acquired by using the read information $D(i)$ and read information $D(k)$ (where, "k" is a different number from "i").